

# NAT2 Rabbit Polyclonal Antibody



CAB12766

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

36kDa

### Calculated MW:

33kDa

### Applications:

WB IHC IF

### Reactivity:

Human, Mouse, Rat

## Protein Background

This gene encodes an enzyme that functions to both activate and deactivate arylamine and hydrazine drugs and carcinogens. Polymorphisms in this gene are responsible for the N-acetylation polymorphism in which human populations segregate into rapid, intermediate, and slow acetylator phenotypes. Polymorphisms in this gene are also associated with higher incidences of cancer and drug toxicity. A second arylamine N-acetyltransferase gene (NAT1) is located near this gene (NAT2).

## Immunogen information

### Gene ID:

10

### Uniprot

P11245

### Synonyms:

NAT2; AAC2; NAT-2; PNAT

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50  
- 1:200 IF 1:50 - 1:200

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

### Immunogen:

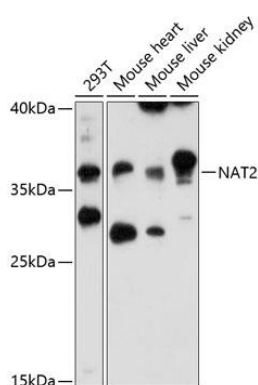
Recombinant fusion protein containing a sequence corresponding to amino acids 171-290 of human NAT2 (NP\_000006.2).

### Storage:

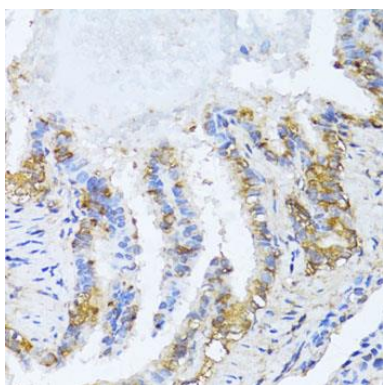
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

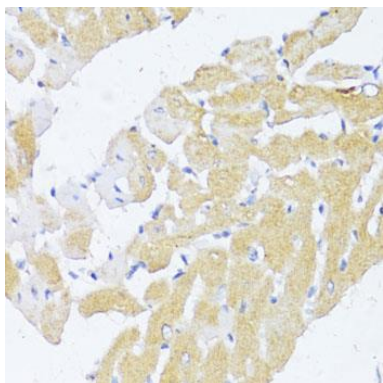
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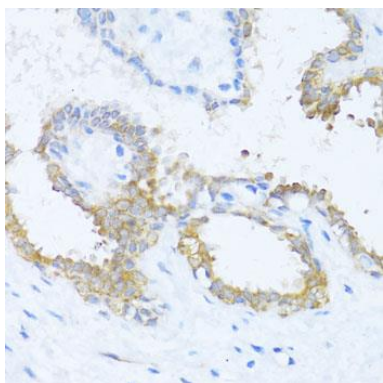
Western blot analysis of extracts of various cell lines, using NAT2 antibody (CAB12766) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (CABM00021). Exposure time: 30s.



Immunohistochemistry of paraffin-embedded rat lung using NAT2 antibody (CAB12766) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded rat heart using NAT2 antibody (CAB12766) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human breast using NAT2 antibody (CAB12766) at dilution of 1:100 (40x lens).